

Utah Skill Certification

Student Performance Evaluation

Test # 170 – Natural Resource Science I (CIP 030111)

(Print) Student's Name:	Date:
(Print) Teacher's Name:	School:
Teacher Signature:	District:

The performance evaluation **is a required component of the skill certification process**. Each student must be evaluated on the required performance objectives outlined below. Performance objectives may be completed and evaluated at anytime during the course. Students who achieve a 3 or 4 (moderately to highly skilled) on **ALL** performance objectives and 80% or higher on the written test will be issued an ATE skill certification certificate.

- Students should be aware of their progress throughout the course so that they can concentrate on the objectives that need improvement.
- Students should be encouraged to repeat the objectives until they have performed at a minimum of a 3 or 4 (moderately to highly skilled) on all performance objectives.
- When all performance objectives have been achieved at a minimum of a 3 or 4 (moderately to highly skilled) then "Y" (Y=Yes) is recorded for that student on the Performance Evaluation Summary Score Sheet.
- If the student scores a 1 or 2 (limited to no skill) on any performance objective then "N" (N=No) is recorded for that student on the Performance Evaluation Summary Score Sheet.
- All performance objectives **MUST** be completed and evaluated prior to the written test.
- For Scan Sheets the teacher will bubble in "A" on the test answer sheet for item #81 for students who have achieved "Y" on all of the student performance objectives. For online testing the teacher will insert a check mark in the box; this indicates that the student has achieved "Y" on all of the student performance objectives. Leaving the box unchecked indicates no.
- For Scan Sheets the teacher will bubble in "B" on the test answer sheet for item #81 for students who have one or more "N's" on the student performance objectives. For online testing the teacher will leave the box unchecked which indicates no.
- The signed Student Performance Evaluation Sheet for each student must be kept in the teachers file for one year.

Performance Rating Scale

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| 4 = Highly Skilled | Successfully demonstrated without supervision. |
| 3 = Moderately Skilled | Successfully demonstrated with limited skill. |
| 2 = Limited Skill | Demonstrated with close supervision. |
| 1 = Not Skilled | Demonstration requires direct instruction and supervision. |

Student Performance Objectives

Standard 01 – Students will develop an understanding of the role of FFA in Agricultural Education Programs. <ul style="list-style-type: none"> Understand the FFA Creed Attend an FFA meeting 	1	2	3	4
Standard 02 – Students will understand the benefits of a Supervised Agricultural Experience (SAE) Program. <ul style="list-style-type: none"> Prepare a plan for a long-term SAE In an approved record book, record all transactions and activities on a SAE 	1	2	3	4
Standard 04 – Student will explore natural resources. <ul style="list-style-type: none"> Classify natural resources into renewable and nonrenewable resources. 	1	2	3	4
Standard 05 – Students will examine the relationship between natural resources and society, including conflict management. <ul style="list-style-type: none"> Participate in a conflict management activity. 	1	2	3	4
Standard 06 – Students will understand ecology, ecosystems, and biomes. <ul style="list-style-type: none"> Identify examples of ecosystems, homeostasis, and succession Identify and classify common game birds. Identify and classify common game animals. Identify and classify common range and forest plants. 	1	2	3	4
Standard 07 – Students will demonstrate an understanding of water resources, watersheds and management. <ul style="list-style-type: none"> Calculate the potential water holding/runoff capacity of a watershed. Determine the impact of watershed management on local communities. 	1	2	3	4
Standard 08 – Students will demonstrate an understanding of air resources and management. <ul style="list-style-type: none"> Demonstrate air-monitoring techniques. Collect and interpret weather data. 	1	2	3	4
Standard 09 – Students will demonstrate an understanding of range resources and management. <ul style="list-style-type: none"> Establish a range transect and use it to evaluate a specific location. Determine livestock and wildlife use on rangeland. 	1	2	3	4
Standard 11 – Students will demonstrate an understanding of land classification, planning, inventory, and monitoring methods. <ul style="list-style-type: none"> Survey a site to determine potential land use. Analyze a current, local Environmental Impact Statement (EIS) and determine the preferred alternative. Develop a basic plan for monitoring a natural resource project. 	1	2	3	4